QC6- Inspect dimensions to drawing

0.00

DAS

Quality Control

Memo

,			
NCR:	Yes	/	No

## **WORK ORDER NON-CONFORMANCE / UPDATE**

DQA:	Date:	

									QA Closed:	Date:	
Work Orde	er:				DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	
	lo.				Rework Scrap		Skid-tube Machining	Crosstube Small Fab	Pro	Water Jet d. Eng. Coor.	Engineering Quality
	NCR No. Use-as-is Thermoforming Finishing Rec/Store/Packaging Large Fab Composite Supplier							Other			
Root				Descri	ption of work order update	Initia	1 A	ction	Sign &		
Cause	Date	Step	Qty	(	or Non-conformance	Chief E	ng Des	cription	Date	Verification	QC Inspector
Doc/Data				·							
Equip/Tooling			•		·						
Operator											
Material [											
Setup											
Other						<u> </u>					
Process		ļ									
Supplier										·	
Training		į.						•			
Unapproved				L		<u> </u>					
					F.	AULT CA	TEGORY				
Landir	ng Gear				General			_	<b>-</b>		_
	Bending				Bend	Gra	in	<u> </u>	Ovalized		Pressure/Forced
	Centre N	ot Conce	ntric to (	o/s	BOM/Route	$\mathbf{H}$	dware	_	Over/Under	<del></del>	Temperature/Cure
	Cracks			<u> </u>	Broken/Damaged		ection Incomplete		Part Incorre	<b>—</b>	Weld
	Crushed/	Crimped		<u> </u>	Burrs	$\blacksquare$	ructions Incomplete	/Unclear	Part Lost/M		Wrong Stock Pulled
	Cuffs			<u> </u>	Contamination	—	intenance		Part Moved		İ
	Heat Trea				Countersink	$\boldsymbol{\vdash}$	abeled		Positioned \		7
	Inspectio	· ·	Tube	<u> </u>	Cut Too Short	Misi			Power Loss/	Surge	Other
	Ripples in				Drill Holes	Offs					
	Torque V			n	Drawing	$\vdash$	of Calibration				
	Turning S	-		<u> </u>	Finish	Out of Sequence					,
	Wave/Tv	vist in Tul	oe e	1	Folio		side Dimensions				

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Work Order ID 10918	<b>)</b> 4
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Quality Control

Work Ord Wednesday, No				*109	1184*							Page	2
Item ID:	D3950-1			Accept	*N900	040	100	*	Setup	Start	*N!	S1*	
Revision ID:	D									Stop		S2*	
Item Name:	Rivet									-	ı.	5/	
∗Start Date:	11/13/2013	<b>Start Qty: 200.00</b>	*20	ገበ*	Cust Item I	D:							
Required Date	: 11/15/2013	Req'd Qty: 200.00	*20	ეე*	<b>Customer:</b>								
Reference:									_	644			
Approvals:	Process Pla	an:	Date:	Tooling:	D:	ate:			Run	Start		R1*	
. 3 . 3	QC:		Date:	SPC (Y/N):	D:	ate:				Stop	*N	R2*	
Sequence ID/ Work Center I	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accep Qty	t Re Qt		Reject Number	Insp. Stamp	
130		Identify as per dwg & Stoo	ck Location 490 x	)5T07 <del>5</del> 00						340			
*130* Packaging		Memo	10x PPP 10°	7005 0.00				<b>500</b>	<u> ۲</u>	DAS 28/3 1-89	3-1/-	18	_
Packaging													
												١٨	
140		QC21- Final Inspection -	Work Order Release	0.00					ſ	2/1	1/20	(X)	•
*14 <b>0</b> *		Memo		0.00					_	1/10	1		

											DQA:	Date	e:
NCR:	'es	/ No				WORK ORDER NON-	CON	IFORM	MANCE / UPE	DATE	OA Classide	Date	
						T					QA Closed:	Date	<u>:</u>
Nork Orde	er:					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
	•				1	Rework	]	Skid-tube Crosstube			]	Water Jet	Engineering
Part N	lo.	<del></del>			<del></del>	Scrap	4	Machining Small Fab			4	d. Eng. Coor.	Quality
NCR N	lo.					Use-as-is Ther Work Order Update			Thermoforming Finishing Rec/Store/Packaging Supplier			Other	
Root					Descri	ption of work order update		nitial	Act	ion	Sign &		
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Descr	iption	Date	Verification	QC Inspector
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quip/Tooling							Ì						
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Landi	ng (	1			_	General					7	F	<del>1</del>
		Bending				Bend		Grain			Ovalized	- }_	Pressure/Forced
		Centre No	ot Concer	ntric to	o/s	BOM/Route		Hardwa		ļ	Over/Under	<b>⊢</b>	Temperature/Cure
		Cracks			<u> </u>	Broken/Damaged			on incomplete	_	Part Incorre	}	Weld
		Crushed/	Crimped		<u> </u>	Burrs			ions Incomplete/U	Jnclear	Part Lost/Mi	issing [	Wrong Stock Pulled
		Cuffs				Contamination		Mainte		<u> </u>	Part Moved	•	
		Heat Trea			<u> </u>	Countersink		Mislabe		<u> </u>	Positioned V		¬
	L	Inspectio		Tube	<u> </u>	Cut Too Short	<u> </u>	Misread	1	Ĺ_	Power Loss/	Surge	Other
	<u> </u>	Ripples in			_	Drill Holes	<u></u>	Offset					
	_	Torque W			n  _	Drawing		l	Calibration				
	Turning Sequence					Finish Out of Sequence							

Outside Dimensions

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Wave/Twist in Tube

Folio

**Picklist Print** 

Wednesday, November 13, 2013 12:47:50

Work Order ID:

109184

Parent Item:

D3950-1

Parent Item Name:

Rivet

**Start Date:** 11/13/2013

**Required Date:** 11/15/2013

Page 1

**Start Qty: 200.00** 

Required Qty: 200.00

Comments:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status	_
PR-71		Durchased	No				Each	0.0000		200	5¢0			

No

Purchased

PR-71 Rivet

0.0000

200 5CO

	•		
NCR:	Yes	/	No

												DQA	\: Da	te: _	
NCR:	Yes	/ No					WORK ORDER NON-	COI	VFORM	MANCE / UP	PDATE	QA Closed		te:	
														ie.	
Vork Ord	er:						DISPOSITION				AGAINST D	EPARTMEN	T/PROCESS		
Part	No.					:	Rework Scrap Use-as-is		Machining Small Fa		Crosstube Small Fab Finishing	<b>⊣</b>	Water Jet Prod. Eng. Coor. Rec/Store/Packaging		Engineering Quality Other
NCR	NCR No.						Work Order Update	]		Large Fab	Composite		Supplier		
Root			Ī		Des	crip	otion of work order update		Initial	Ac	ction	Sign &	1		
Cause		Date	Step	Qty		C	r Non-conformance	Ch	nief Eng	Desc	cription	Date	Verificatio	n	QC Inspector
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upplier	Г														
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							F	AUL	T CATE	GORY					
Land	ing (	Gear					General								
		Bending					Bend		Grain			Ovalized			ressure/Forced
		Centre No	ot Conce	ntric to (	O/S		BOM/Route		Hardwa	re		Over/Und	er tolerance	Шт	emperature/Cure
		Cracks					Broken/Damaged		Inspecti	on Incomplete		Part Incorr	ect	∐v	Veld
		Crushed/	Crimped				Burrs		Instruct	ions Incomplete	/Unclear	Part Lost/i	Missing	v	Vrong Stock Pulled
		Cuffs					Contamination		]Mainte	nance		Part Move	d		
		Heat Trea	at				Countersink		Mislabe	led		Positioned	Wrong		
		Inspectio	n Strip in	Tube			Cut Too Short		Misread	Í	Γ	Power Los	s/Surge		ther
		Ripples ir	n Bend				Drill Holes		Offset		_				
		Torque W	Vaves in E	Extrusion	n		Drawing		Out of Calibration						
	Turning Sequence					Finish Out of Sequence									

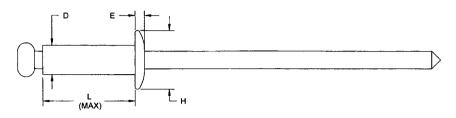
Outside Dimensions

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Wave/Twist in Tube

Folio

# **SPECIFICATION CONTROL DRAWING**



CX13/11/13

W101 109194

#### D3950-X RIVET

DART PART NUMBER	DESCRIPTION	SUPPLIER SUPPLIER PART MANUFACTURER NUMBER RIVET BODY DIAMETER "D"		DIAMETER	HOLE SIZE AND DRILL NUMBER	GRIP RANGE	LENGTH UNDER HEAD "L"	HEAD DIAMETER	R HEAD HEIGHT	
D3950-1	RIVET - 5056 ALUMINUM BODY WITH COATED CARBON STEEL MANDREL	SPAENAUR	PR-71	AD44BS	0.125	0.129 - 0.133 #30	0.188 - 0.250	0.390	0.250	0.040

RELEASED

Α	NEW IS	SUE		<b>\$</b>	09.06.05						
REV.			DESCRIPTION	BY	DATE -						
DESIG	N	4€	DART AE	DART AEROSPACE LTD							
DRAW	N	1		Y, ONTARIO, CANAI							
CHEC	KED	q)	DRAWING NO. R								
MFG.	APPR.	程	□ D3950		SHEET 1 OF						
APPRO	OVED	10	TITLE		SCALE						
DE AP	PR.	-//	<sup>→</sup> RIVET								
DATE	09.0	6.05	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND COMPRIENT AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR MAIN PRIVATE OF COMPTION OF COMMISSION THAT IT DAY OTHER PERSON WITHOUT								

NOTES:
1) MATERIAL: SEE TABLE
2) FINISH: NIA:
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: N/A
7) WEIGHT: N/A

7

2										DQA:	Date:	
NCR: Y	es / No				WORK ORDER NON-	·CON	1FORN	MANCE / UPDA		QA Closed:	Date:	
Work Orde	ŕ:		·	<u>.</u>	DISPOSITION		<del></del>		AGAINST DE	-		
Part N	o				Rework Scrap Use-as-is Work Order Update		Skid-tube Crosstube Small Fab Thermoforming Finishing Composite			l	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root Cause	Date	Step	Qty	Descr	ription of work order update or Non-conformance	- 1	nitial ief Eng	Action Descript		Sign & Date	Verification	QC Inspector
oc/Data quip/Tooling Operator Material Setup Other Process Supplier Training Unapproved												
	·					FAUL	T CATE	GORY	_			•
Landin	g Gear				General		•		[	Ovalized		Pressure/Forced
	Bending Centre Not Concentric to O/S Cracks Crushed/Crimped Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion				Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing	Grain Hardware Inspection Incomplete Instructions Incomplete/Unclear Maintenance Mislabeled Misread Offset			Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/	ct ssing Vrong	Temperature/Cure Weld Wrong Stock Pulled Other	
Ì		Sequence		¨	Finish			Out of Calibration Out of Sequence				

Outside Dimensions

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Wave/Twist in Tube

Folio



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577

Fax: 613 632 1053

### **PURCHASE ORDER**

#### Purchase Order ID PO22042

Purchase Order Date 11/13/2013 PO Print Date 11/15/2013

Page Number 1 of 3

Order From:

HASKINS INDUSTRIAL 5-52 ANTARES DRIVE NEPEAN, ON K2E 7Z1 CA

VC-HAS001

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

**CANADA** 

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

PR-71

613 723 8800

Dicom

Buyer

Chantal Lavoie

**Customer POID** Customer Tax #

Terms

10127-2607 Net 30

Currency

CAD

**FOB** 

Destination-Collect

Line Reference Nbr Vendor Part Number Line Comments

Delivery Comment

Rivet

Description/

Mfg ID

11/15/2013 Yes 11/15/2013

**Promise Date** 

Req Date/ CD

Taxable

500.00

Req Qty/

Unit of

Measure

Each

\$0.03

**PO** Unit Price

\$14.70

Extended

Price

AS PER DWG D3950 REV. A B109184

FAGOR 201 M, 2 AXIS

11/19/2013

1.00

\$1,613.00

Line Total:

\$1,613.00

\$14.70

71350-30

COUNTER WITH 16 & 30 INCH SCALE

Yes 11/19/2013

Each

Line Total:

\$1,613.00

Deliver To: CNC

71500-30

A012 F JOBBER DRILL

11/15/2013

Yes

11/15/2013

Each

\$2.80

\$28.00

Note:



Fasteners Right Now®

P.O Box 544, 815 Victoria Street North Kitchener, ON, N2G 4B1, Canada

www.spaenaur.com

Tel: 519-744-6305 Fax: 519-744-0818

Toll Free: 1-800-265-8772 Toll Free Fax: 1-888-252-6380

Sold To:

HASKINS INDUSTRIAL 1371 FRANKLIN ST NORTH BAY, ON P1A 2W1

SYLVIE

Ord No:

S3204440.002

Printed: 16:24:14 14 NOV 2013

Page # : 1 of 2

Ship\_To-

HASKINS INDUSTRIAL C/O DART AFROSPACE LI 1270 ABERDEEN ST HAWKESBURY, ON K6A 1K7

Ship Via: PUROLATOR COL

Ship Inst: PURO #7684382 \* COLLECT

\*\*\*\*THIRD PARTY\*\*\*\*\*\*

Order Date: Ship Date:

Ordered By:

X

11/14/2013

11/14/2013 Release:

**VERBAL** 

PO No:

Sales Rep:

Dominique van Gent

201809

ORDER OTY UOM SPAENAUR/CUST PART NO/PROD DESC SHIP QTY BAL DUE PKG/QTY TOTE-172 500 EA PR-71 500 500 0 POP RIVET DOMED HEAD OPEN END 1/8" DIA X .390" LGTH X .188"/.250" GRIP ALUMINUM BODY, COATED STEEL MANDREL IFI SPEC. 114 GRADE 19 HARMONIZED CODE: 761610 COUNTRY OF MANUFACTURE: US 100 200 EA 159-W02-1A 200 0 HEXAGON NUT FINISHED FULL 1/4"-20 UNC (7/16" A/F X 7/32" THK) 18-8 STAINLESS STEEL ANSI B18.2.2-1986 TAG: 22042 -DART PO# HARMONIZED CODE: 731816 COUNTRY OF MANUFACTURE: TW This product replaces HN-2010 Spaenaur's Return Policy can be found on page 51 at the back of the catalog. Call Spaenaur for a return authorization # for any product you wish returned. Product(s) returned must have been purchased within 90 days of invoice.